

Curriculum Vitae



Assistant Professor
Department of Microbiology,
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Teaching & Research Experience

Assistant Professor in Srimad
Andavan Arts and Science
College, (Autonomous) Trichy.
6 years (Jun 2010-Jul 2016)

Assistant Professor,
Marudupandiyar College,
Tanjavur,
Aug-2016 to May-2019

Teaching Experience

UG - 9 years
PG - 9 years
M.Phil - 7 years
(Microbiology and Zoology)

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Dr.G.Thiruneelakandan

Academic background

Course	Ph.D., Marine Biology (Highly Commended - 2009)
University	Annamalai University, Potonovo, Chidambaram.
Thesis Title	<i>Studies on marine lactobacillus isolation from various mangrove habitats from South East Coast of India.</i>
Course	M.Phil., Marine Biology (First Class – 71 % - 2005)
University	Annamalai university, Potonovo, Chidambaram.
Thesis Title	<i>Screening and isolation lactic acid bacteria from various marine gastropods used as food preservatives.</i>
Course	M.Sc., Marine Biology (First Class 64.5 % - 1996)
University	Annamalai university, Potonovo, Chidambaram.
Thesis Title	<i>Screening and isolation lactic acid bacteria from various marine sources used as food preservatives.</i>
Course	B.Sc., Environmental Zoology
College	National College (Autonomous), Trichy.
University	Bharathidasan University, Thiruchirapalli.

Research Projects undertaken

Completed project as Principal Investigator:

University Grand Commission (GOVT. of INDIA) Major Research Project “Anticancer protein synthesized from marine Lactobacilli”- **10.79 lakh** (2012-2015). **41-1184/2012 (SR) dated 26-July, 2012.**

Project Contribution

Senior Research Fellow in “Studies on Rare mangrove in India, and its conservation (**Ecology and Marine Microbiology**)”. Ministry of Environmental and Forest. Govt. of India. Year of experience Five (2005-2009).

Awards

Received BEST PROJECT AWARD for the oral presentation, presented in a TNSCST (Govt. of Tamilnadu) 2002, held at Thiruvalluvar Engg. College, Vanthavasi, Thiruvannamali Dist.

Research Experience

Produced **4 Ph.D.** & **24 M.Phil.**, on Microbiology research.
Guiding 2 M.Phil projects based on Microbiology.

Guiding 3 Ph.D candidate based on Marine Microbiology and Medical Microbiology

PUBLICATIONS

1. K. Vijayakumar and **G. Thiruneelakandan**. Green synthesis silver nanoparticles using and *Rorgraphis paniculata*(nees),and its antimicrobial activity against human pathogens. journal of Global Pharma Technology. 2018; 10 (08): 06-11.
2. S. Vidya and **G. Thiruneelakandan**. Probiotic potentials of lactobacillus and its anti cancer activity. International Journal of Current Research Vol. 7, Issue, 09, pp.19823-19827, August, 2015.
3. Vigneshwari, R.S and **G. Thiruneelakandan**, 2015. Antibiotic resistant patterns and plasmid profile of *E.coli* strains isolated from clinical samples of Cuddalore district, Tamilnadu, *Int. J. Adv. Res. Biol. Sci.*, 2(6): 121–128. (ISSN:2348-8069).
4. Vigneshwari, R.S and **G. Thiruneelakandan**, 2015. Multidrug resistant and extended spectrum β -lactamase producing *E.coli* isolated from coastal waters of Bay of Bengal. *Int. J. Adv. Multidiscipl. Res.*, 2(8) : 88–97. (ISSN: 2393-8870).
5. Vinola Jenifer, S and **Thiruneelakandan, G.** (2015). Determination antibacterial activity of marine actinomycetes against clinical MDR pathogens. Asian academic research journal of multidisciplinary. AARJMD, volume 1, Issue 30, Pp 73-79. ISSN : 2319 – 2801.
6. Vinola Jennifer and **Govindasamy Thiruneelakandan**. 2015. Enzymatic Activity of Marine Lactobacillus Species from South East Coast of India. IJISSET - International Journal of Innovative Science, Engineering & Technology, Vol. 2 Issue 1, January 2015. Pp: 542-546.
7. Prashanthi, B ., Vidya, S., Vigneshwari., Selvasundhari, L., Vinola Jenifer, S., Jeyasudha, S. Babu, V, **Govindasamy Thiruneelakandan**. 2014. Screening of Antibacterial Activity of Marine Sponges Extract Against Clinically Significant MDR Pathogens. Indian Journal of Applied Research. Volume : IV, Issue : IX, September – 2014.
8. Selvasundhari, L., Vembu Babu, Vinola Jenifer, Jeyasudha, S. and **G.Thiruneelakandan**. (2014). Screening of Antioxidant Potential Compounds From *Avicennia Marina* Bark. International Journal of Current Research. Vol. 6, Issue, 03, pp.5490-5496.
9. Vidya, S., Vinola Jenifer, S., Jeyasudha, A., Babu, V., Thiagarajan, C. and **Thiruneelakandan, G.** (2014). Cancer Death Rates - Necessitates A Need For Natural Medicine . International Journal of Development Research. Vol. 4, Issue, 1, pp. 174-183.

10. Vinola Jennifer, S., Vidya, S., Jeyasudha, S., Babu, V., Selvasundari, L., Thiagarajan, C. R.K. Sujatha and **Thiruneelakandan, G.** (2014). A special review, role of alcohol and smoking in the squamous cell carcinoma of the head and neck, advanced Diagnostic aids in oral cancer. International Journal of Current Research. Vol. 6, Issue, 01, pp. 4572 -4581, January, 2014.
11. C.Thiagarajan, S.Shanthi and **G.Thiruneelakandan**. Molecular Docking Studies Of Apoe4 Inhibitors For Alzheimer's Disease. Online Journal of Bio-Sciences and Informatics, Vol: 5, Issue 1, 2013.
12. Thiagarajan, C., Shanthi, S., Karthikeyan, M. and **Thiruneelakandan, G.** (2013). Structure-based virtual screening for identification of novel inhibitors against bace1 from selective medicinal plant compounds. International Journal of Current Research. Vol. 5, Issue, 12, pp.4097-4101.
13. K. Vijayakumar, A. Jafar Ahamed and **G. Thiruneelakandan**. Synthesis, Antimicrobial, and Anti-HIV1 Activity of Quinazoline-4(3H)-one Derivatives. Journal of Applied Chemistry, **Hindawi publishing group**. Volume 2013 (2013), Article ID 387191, 5 pages.
14. **G Thiruneelakandan**, VJ Sesuraj, V Babu, V Senthilkumar, K Kathiresan, R Sivakami, and SA Anthoni. (2013). Efficacy of Preserving Sea Foods Using Marine Lactobacillus. Science, Technology and Arts Research Journal. Oct-Dec 2013, 2(4): 10-13.
15. **Govindasamy Thiruneelakandan.**, Vidya S., Vinola Jennifer S., S. Jayasudha., Babu V., Selvasundhari L., Sivakami R and Anthoni Samy A. (2013). Antimicrobial Activity of Silver Nanoparticles Synthesized by Marine Lactobacillus Sp against Multiple Drug Resistance Pathogens. Science, Technology and Arts Research Journal Oct-Dec 2013, 2(4): 05-09.
16. K. Kathiresan and **G.Thiruneelakandan**. 2010. Marine Lactobacilli from Rhizosphere soil of mangroves along the east coast of India. Journal of Zoological Survey of India. 286-289.
17. K. Kathiresan and **G.Thiruneelakandan**. 2008. Prospects of lactic acid bacteria of marine origin. Indian Journal of Biotechnology. 7: 170-177.
18. N. Sithrangabopathy, **G. Thiruneelakandan** and K. Kathiresan. 2008. Lactobacillus counts: an indicator of oral tumor size in buccal cavity of Syrian hamster rats. African Journal of Oral Health pp.097-101.
19. K. Kathiresan, Gomathi. V, Karthigaidevi. G, Kavitha. S, Arivuselvan. N, Anburaj. R, Samidurai.K, Silambarasan.G, Raja.S, Nabeel. M. A, **Thiruneelakandan.G**, Manivannan.S, and N.Sithrangabopathy. 2008. Flowering plants Species in islands of the Gulf of Mannar Biosphere Reserve. An ecological model for biodiversity

conservation livelihood and sustainability. National Biodiversity Authority Govt. of India. NBI- 427-457. pp.

20. Nabeel.M.A,Raiendran,N, Manivannan.S, **Thiruneelakandan.G**, and K. Kathiresan. 2008. Food web analysis of a mangrove stand in South India: Stable isotopes and fatty acid Biomarker Approach. Biodiversity conservation in Gulf of Mannar Biosphere Reserve. Ibid- pp 393-412.

Reference

Dr. K. Kathiresan

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Dr. S.T. Somasundharam

Asso. Professor,
Faculty of Marine Science,
CAS in Marine Biology,
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Tamilnadu.

Dr. S. Ravikumar
Professor in Department of
Oceanography and coastal Areas
Study,
Alagappa University.
SP Pattinam, Thondi Campus,
Tamil Nadu.

NCBI-PUBLICATIONS

Marine Lactobacillus sp. TLMP1 16S ribosomal RNA gene, partial sequence. **GenBank: KF406344.1**

Marine Lactobacillus sp. TLMP2 16S ribosomal RNA gene, partial sequence **GenBank: KF406345.1**

Marine Lactobacillus sp. TLMP3 16S ribosomal RNA gene, partial sequence **GenBank: KF406346.1**

Marine Lactobacillus sp. TLMP4 16S ribosomal RNA gene, partial sequence **GenBank: KF406347.1**

Marine Lactobacillus sp. TLMP4 16S ribosomal RNA gene, partial sequence **GenBank: KF406348.1**

Pseudomonas aeruginosa strain GTJPR41186 16S ribosomal RNA gene, partial sequence. **GenBank: KC013301.1**

Seminars, Conferences & Workshops Participated / Paper Presented

International :	12
National :	16
State :	04

DECLARATION

I hereby declare that all the aforementioned information's are true to the best of my knowledge and belief.

(Dr. G. Thiruneelakandan)